

P nding Claims - U.S. Application 09/715,586 (5922R2C)
(Showing proper dependency)

41. A storage wrap material comprising: a sheet of non-porous material having a first side and a second side, said first side comprising an active side exhibiting an adhesion peel force after activation by a user that is greater than an adhesion peel force exhibited prior to activation by a user, wherein said sheet of material is linerless, such that activation of said active side requires no removal of components of said sheet of material, said sheet of material being sufficiently flexible to conform readily to a desired surface and having sufficiently small resiliency that it does not exert undue restorative forces that would tend to cause said sheet of material to break contact with such a desired surface.
42. The storage wrap of Claim 41, wherein said active side is activatable by an externally applied force exerted upon said sheet of material.
43. The storage wrap of Claim 42, wherein said active side is activatable by a compressive force.
44. The storage wrap of Claim 43, wherein said compressive force is required to be at least about 0.1 psi to activate said active side.
45. The storage wrap of Claim 43, wherein said compressive force is exerted in a direction substantially normal to said sheet of material.
46. The storage wrap of Claim 42, wherein said active side is activatable by a tensile force.
47. The storage wrap of Claim 46, wherein said tensile force is required to be at least about 0.80 pounds per inch of strip width to activate said active side.
48. The storage wrap of Claim 46, wherein said tensile force is exerted in a direction substantially parallel to said sheet of material.
49. The storage wrap material of Claim 41, wherein said active side exhibits an adhesion peel force of at least about 1 ounce per inch width after activation by a user.
50. The storage wrap material of Claim 41, wherein said active side may be selectively activated in discrete regions by a user.

51. The storage wrap material of Claim 41, wherein said adhesion peel force after activation is sufficient to form a barrier seal against a target surface, said seal exhibiting barrier properties at least as great as those of said sheet of material.

52. The storage wrap material of Claim 41, wherein both said first side and said second side comprise active sides of said material.

53. The storage wrap material of Claim 41, wherein said active side when activated forms a bond with a target surface, said bond being selected from one or more of the group consisting of: a permanent bond, a refastenable bond, a resealable bond and a releasable bond.

54. The storage wrap material of Claim 41, wherein said active side includes a pressure sensitive adhesive.

55. The storage wrap material of Claim 41, wherein said sheet of material comprises a polymeric film material.

56. The storage wrap material of Claim 55, wherein said polymeric film material is selected from the group consisting of: a substantially translucent polymeric film material and a substantially transparent polymeric film material.

57. The storage wrap material of Claim 41, wherein said active side comprises a plurality of three dimensional non-adherent protrusions extending outwardly from said sheet of material and a pressure sensitive adhesive surrounding said non-adherent protrusions, said adhesive having a thickness less than the height of said non-adherent protrusions before activation.

58. The storage wrap material of Claim 41, wherein said sheet of material is clingless and exhibits no adhesion peel force prior to activation by a user.

66. The storage wrap material of Claim 41, wherein said active side when activated forms a bond with a target surface, said bond being selected from one or more of the group consisting of: a discontinuous bond, a permanent bond, a refastenable bond, a resealable bond and a releasable bond.

81. (Amended) A storage wrap material according to Claim 41 wherein the adhesion peel force after activation by a user is sufficient to form a seal against a target surface.

87. (Amended) A storage wrap material according to Claim 81 wherein the sheet of material is sufficiently flexible to conform readily to any desired surface and has sufficiently small resiliency that it does not exert undue restorative forces which would tend to cause the seal to fail.

1. (Amended) A storage wrap material according to Claim 81 wherein the adhesion peel force after activation by a user is sufficient to form a continuous seal against a target surface.
2. The storage wrap of Claim 1, wherein said active side is activatable by an externally applied force exerted upon said sheet of material.
3. The storage wrap of Claim 2, wherein said active side is activatable by a compressive force.
4. The storage wrap of Claim 3, wherein said compressive force is required to be at least about 0.1 psi to activate said active side.
5. The storage wrap of Claim 3, wherein said compressive force is exerted in a direction substantially normal to said sheet of material.
6. The storage wrap of Claim 2, wherein wherein said active side is activatable by a tensile force.
7. The storage wrap of Claim 6, wherein said tensile force is required to be at least about 0.80 pounds per inch of strip width to activate said active side.
8. The storage wrap of Claim 6, wherein said tensile force is exerted in a direction substantially parallel to said sheet of material.
9. The storage wrap material of Claim 1, wherein said active side exhibits an adhesion peel force of at least about 1 ounce per inch width after activation by a user.
10. The storage wrap material of Claim 1, wherein said active side may be selectively activated in discrete regions by a user.
11. The storage wrap material of Claim 1, wherein said adhesion peel force after activation is sufficient to form a barrier seal against a target surface, said seal exhibiting barrier properties at least as great as those of said sheet of material.
12. The storage wrap material of Claim 1, wherein both said first side and said second side comprise active sides of said material.

13. The storage wrap material of Claim 1, wherein said active side when activated forms a bond with a target surface, said bond being selected from one or more of the group consisting of: a permanent bond, a refastenable bond, a resealable bond and a releasable bond.

14. The storage wrap material of Claim 1, wherein said active side includes a pressure sensitive adhesive.

15. The storage wrap material of Claim 1, wherein said sheet of material comprises a polymeric film material.

16. The storage wrap material of Claim 15, wherein said polymeric film material is selected from the group consisting of: a substantially translucent polymeric film material and a substantially transparent polymeric film material.

17. The storage wrap material of Claim 1, wherein said active side comprises a plurality of three dimensional non-adherent protrusions extending outwardly from said sheet of material and a pressure sensitive adhesive surrounding said non-adherent protrusions, said adhesive having a thickness less than the height of said non-adherent protrusions before activation.

18. The storage wrap material of Claim 1, wherein said sheet of material is clingless and exhibits no adhesion peel force prior to activation by a user.

95. A storage wrap material comprising a sheet of non-porous material having a first side and a second side, substantially all of said first side comprising an active side exhibiting an adhesion peel force after activation by a user that is greater than an adhesion peel force exhibited prior to activation by a user, wherein said sheet of material is linerless, such that activation of said active side requires no removal of components of said sheet of material, said sheet of material being sufficiently flexible to conform readily to a desired surface and having sufficiently small resiliency that it does not exert undue restorative forces that would tend to cause said sheet of material to break contact with such a desired surface.

96. The storage wrap of Claim 95, wherein said active side is activatable by an externally applied force exerted upon said sheet of material, said externally applied force being selected from one or more of the group consisting of: a compressive force and a tensile force.

97. The storage wrap material of Claim 95, wherein said active side may be selectively activated in discrete regions by a user.

98. The storage wrap material of Claim 95, wherein said active side may be activated by compression against a target surface.

99. The storage wrap material of Claim 95, wherein said adhesion peel force after activation is sufficient to form a barrier seal against a target surface, said seal exhibiting barrier properties at least as great as those of said sheet of material.

100. The storage wrap material of Claim 95, wherein both said first side and said second side comprise active sides of said material.

101. The storage wrap material of Claim 95, wherein said active side when activated forms a bond with a target surface, said bond being selected from one or more of the group consisting of: a discontinuous bond, a permanent bond, a refastenable bond, a resealable bond and a releasable bond.

102. A storage wrap material according to Claim 95, wherein the adhesion peel force after activation by a user is sufficient to form a seal against a target surface.

103. A storage wrap material according to Claim 102, wherein the adhesion peel force after activation by a user is sufficient to form a continuous seal against a target surface.

104. The storage wrap of Claim 103, wherein said active side is activatable by an externally applied force exerted upon said sheet of material, said externally applied force being selected from one or more of the group consisting of: a compressive force and a tensile force.

105. The storage wrap material of Claim 103, wherein said active side may be selectively activated in discrete regions by a user.

106. The storage wrap material of Claim 103, wherein said active side may be activated by compression against a target surface.

107. The storage wrap material of Claim 103, wherein said adhesion peel force after activation is sufficient to form a barrier seal against a target surface, said seal exhibiting barrier properties at least as great as those of said sheet of material.

108. The storage wrap material of Claim 103, wherein both said first side and said second side comprise active sides of said material.

109. The storage wrap material of Claim 103, wherein said active side when activated forms a bond with a target surface, said bond being selected from one or more of the group consisting of: a permanent bond, a refastenable bond, a resealable bond and a releasable bond.

110. A storage wrap material according to Claim 102, wherein the sheet of material has sufficiently small resiliency that it does not exert undue restorative forces that would tend to cause the seal to fail.

111. A storage wrap according to Claim 110 wherein the sheet has a sufficiently small resiliency that it does not exert undue restorative forces which would tend to cause the seal to fail such that the preservation of perishable items is no longer ensured.